

(19)



Europäisches Patentamt
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(11) Publication number:

0 447 032 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **91301072.4**

(51) Int. Cl.⁵: **G11B 7/24**, C08K 3/00,
C09J 127/12, B44B 7/00,
B29C 59/16, B41M 5/24

(22) Date of filing: **11.02.91**(30) Priority: **15.03.90 GB 9005872**London **WC2N 5JT(GB)**(43) Date of publication of application:
18.09.91 Bulletin 91/38

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(84) Designated Contracting States:
CH DE ES FR GB IT LI NL SE(88) Date of deferred publication of the search report:
13.05.92 Bulletin 92/20

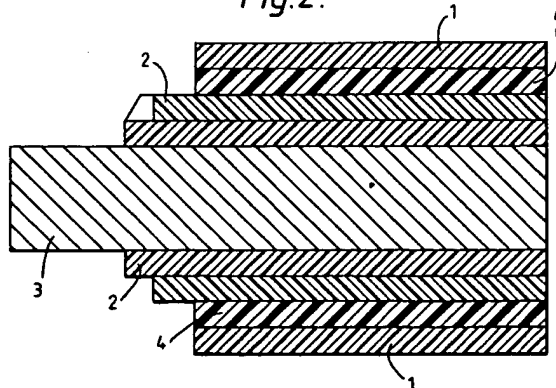
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(54) **A laser markable white pigment composition.**

(57) A laser markable white pigment composition for addition to or coating on a material, includes a first pigment which is markable by ultraviolet laser, a second pigment, which is nonabsorbing in the ultraviolet region of the optical spectrum and which has a white appearance in the visible region of the optical spectrum, with the ratio of the amount of first pigment to amount of second pigment being in the

range of from 4:1 to 1:10, so that the second pigment is present in an amount sufficient to increase the optical density, that is the whitening effect, of the composition, without adversely affecting the laser markability of the composition, and a carrier which is at least one fluoropolymer transparent in the ultraviolet region of the optical spectrum.

Fig.2.**EP 0 447 032 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 91 30 1072

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	EP-A-0 329 884 (BRITISH AEROSPACE PUBLIC LTD) * column 1, line 32 - column 2, line 12 * ---	1-7	G11B7/24 C08K3/00 C09J127/12
Y	EP-A-0 036 680 (N.V. PHILIPS GLOILAMPFABRIEKEN) * page 2, line 4 - line 14 * * page 3, line 25 - line 29; claim 1 * ---	1-7	B44B7/00 B29C59/16 B41M5/24
A	EP-A-0 321 091 (BICC PUBLIC LTD) * column 1, line 22 - line 30 * * column 1, line 46 - column 2, line 26 * * examples 1-6 * ---	1,2,4-7	
P,A	WO-A-9 008 805 (RAYCHEM CORPORATION) * page 1, line 22 - page 2, line 5 * * page 3, line 3 - page 4, line 16 * * page 5, line 1 - line 14 * * page 6, line 19 - page 7, line 15 * * page 9, line 4 - line 17 * * examples 1,2 * ---	1,2,4,7	
A	US-A-4 654 290 (K.J. SPANJER) * column 2, line 10 - line 18 * * column 2, line 42 - line 68 * * column 4, line 52 - line 63 * ---	1-3,5-7	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
P,A	FR-A-2 648 270 (FILECA S.A.) * page 2, line 27 - page 3, line 11 * * page 4, line 19 - page 5, line 13 * ---	1,2,4-7	B44B B41M C08K C08L C09J B29C H01B B23K
A	EP-A-0 190 997 (CIBA-GEIGY AG) * page 2, line 6 - line 13 * * page 3, line 25 - page 4, line 4 * * page 6, line 1 - line 8 * -----	1,2,7	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20 MARCH 1992	Examiner LILIMPAKIS E.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- @ : member of the same patent family, corresponding document	